

V. Balasubramanian

Trying 3106016892...Open

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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Sep 29	The Philippines Inventory of Chemicals and Chemical Substances (PICCS) has been added to CHEMLIST
NEWS	3	Oct 27	New Extraction Code PAX now available in Derwent Files
NEWS	4	Oct 27	SET ABBREVIATIONS and SET PLURALS extended in Derwent World Patents Index files
NEWS	5	Oct 27	Patent Assignee Code Dictionary now available in Derwent Patent Files
NEWS	6	Oct 27	Plasdoc Key Serials Dictionary and Echoing added to Derwent Subscriber Files WPIDS and WPIX
NEWS	7	Nov 29	Derwent announces further increase in updates for DWPI
NEWS	8	Dec 5	French Multi-Disciplinary Database PASCAL Now on STN
NEWS	9	Dec 5	Trademarks on STN - New DEMAS and EUMAS Files
NEWS	10	Dec 15	2001 STN Pricing
NEWS	11	Dec 17	Merged CEABA-VTB for chemical engineering and biotechnology
NEWS	12	Dec 17	Corrosion Abstracts on STN
NEWS	13	Dec 17	SYNTHLINE from Prous Science now available on STN
NEWS	14	Dec 17	The CA Lexicon available in the CAPLUS and CA files
NEWS	15	Jan 05	AIDSLINE is being removed from STN
NEWS	16	Feb 06	Engineering Information Encompass files have new names
NEWS	17	Feb 16	TOXLINE no longer being updated

NEWS EXPRESS FREE UPGRADE 5.0e FOR STN EXPRESS 5.0 WITH DISCOVER!
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NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:13:31 ON 01 MAR 2001

=> file reg

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	ENTRY	SESSION
FULL ESTIMATED COST	0.15	0.15

FILE 'REGISTRY' ENTERED AT 10:13:38 ON 01 MAR 2001
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STRUCTURE FILE UPDATES: 28 FEB 2001 HIGHEST RN 325124-42-3
DICTIONARY FILE UPDATES: 28 FEB 2001 HIGHEST RN 325124-42-3

TSCA INFORMATION NOW CURRENT THROUGH July 8, 2000

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conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT
for details.

=> s ncnc2/es

L1 408428 NCNC2/ES

=> s c6-nc2nc3/es and l1

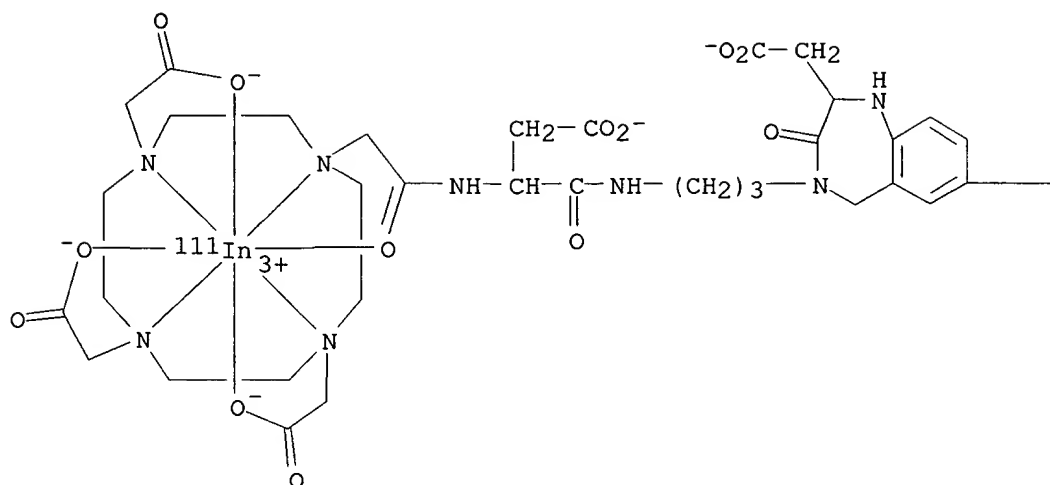
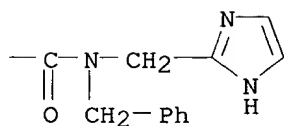
25820 C6-NC2NC3/ES
L2 974 C6-NC2NC3/ES AND L1

=> s l2 and IN/els

36222 IN/ELS
L3 2 L2 AND IN/ELS

=> d scan l3

L3 2 ANSWERS REGISTRY COPYRIGHT 2001 ACS
IN Indate(2-)-111In, [10-[2-[[1-(carboxymethyl)-2-[[3-[2-(carboxymethyl)-
1,2,3,5-tetrahydro-7-[[1H-imidazol-2-ylmethyl)(phenylmethyl)amino]carbony
l]-3-oxo-4H-1,4-benzodiazepin-4-yl]propyl]amino]-2-oxoethyl]amino]-2-(oxo-
.kappa.O)ethyl]-1,4,7,10-tetraazacyclododecane-1,4,7-triacetato(5-)-
.kappa.N1,.kappa.N4,.kappa.N7,.kappa.N10,.kappa.O1,.kappa.O4,.kappa.O7]-,
dihydrogen (9CI)
MF C46 H56 In N11 O14 . 2 H
CI CCS

● 2 H⁺

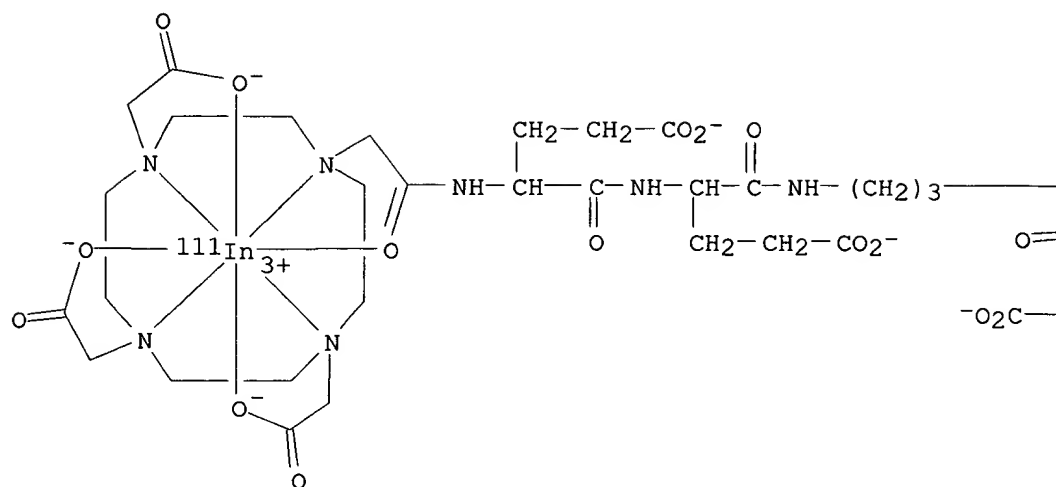
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 2 ANSWERS REGISTRY COPYRIGHT 2001 ACS

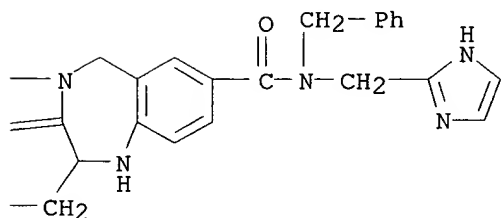
IN Indate(3-)-111In, [N-[[4,7,10-tris[(carboxy-.kappa.O)methyl]-1,4,7,10-tetraazacyclododec-1-yl-.kappa.N1,.kappa.N4,.kappa.N7,.kappa.N10]acetyl-.kappa.O]-L-.alpha.-glutamyl-N-[3-[(2S)-2-(carboxymethyl)-1,2,3,5-tetrahydro-7-[[1H-imidazol-2-ylmethyl](phenylmethyl)amino]carbonyl]-3-oxo-4H-1,4-benzodiazepin-4-yl]propyl]-L-.alpha.-glutaminato(6-)]-, trihydrogen (9CI)

MF C52 H64 In N12 O17 . 3 H

CI CCS



● 3 H⁺



ALL ANSWERS HAVE BEEN SCANNED

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

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FULL ESTIMATED COST

12.33

12.48

FILE 'CAPLUS' ENTERED AT 10:15:14 ON 01 MAR 2001

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FILE COVERS 1967 - 1 Mar 2001 VOL 134 ISS 10
FILE LAST UPDATED: 28 Feb 2001 (20010228/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

Now you can extend your author, patent assignee, patent information, and title searches back to 1907. The records from 1907-1966 now have this searchable data in CAOLD. You now have electronic access to all of CA: 1907 to 1966 in CAOLD and 1967 to the present in CAPLUS on STN.

The CA Lexicon is now available in the Controlled Term (/CT) field. Enter HELP LEXICON for full details.

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=> s 13

L4 1 L3

=> d 14 bib hitstr

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS

AN 2000:421115 CAPLUS

DN 133:59101

TI Preparation of vitronectin receptor antagonist pharmaceuticals

IN Cheesman, Edward H.; Sworin, Michael; Rajopadhyem, Milind

PA Du Pont Pharmaceuticals Co., USA

SO PCT Int. Appl., 228 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2000035887	A2	20000622	WO 1999-US30311	19991217
	WO 2000035887	A3	20001116		
	W:	AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			

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PRAI US 1998-112831 19981218

OS MARPAT 133:59101

IT 278180-38-4P 278180-40-8DP, indium-111-labeled

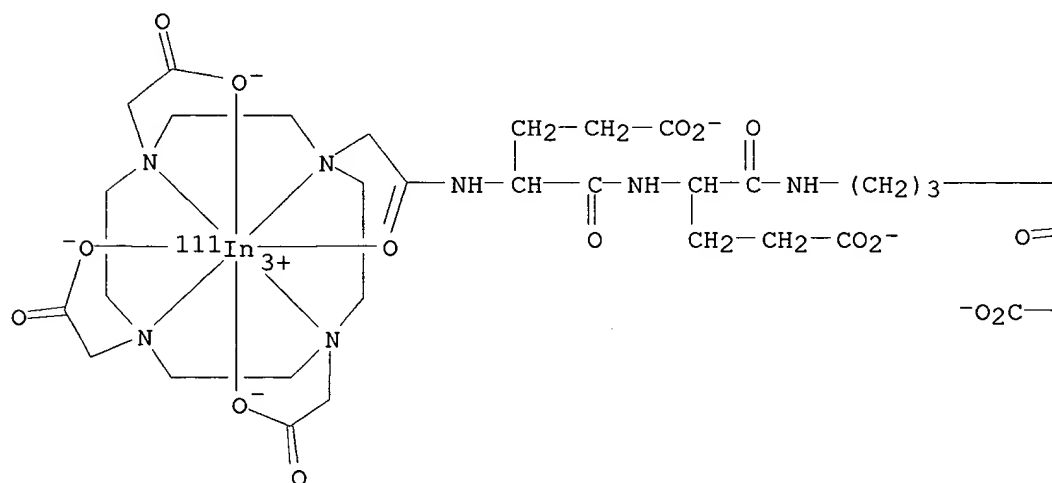
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of vitronectin receptor antagonist pharmaceuticals)

RN 278180-38-4 CAPLUS

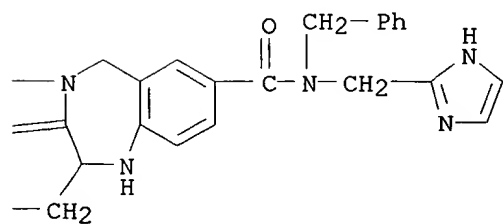
CN Indate(3-)-111In, [N-[[[4,7,10-tris[(carboxy-.kappa.O)methyl]-1,4,7,10-tetraazacyclododec-1-yl-.kappa.N1,.kappa.N4,.kappa.N7,.kappa.N10]acetyl-.kappa.O]-L-.alpha.-glutamyl-N-[3-[(2S)-2-(carboxymethyl)-1,2,3,5-tetrahydro-7-[[[1H-imidazol-2-ylmethyl](phenylmethyl)amino]carbonyl]-3-oxo-4H-1,4-benzodiazepin-4-yl]propyl]-L-.alpha.-glutaminato(6-)]-, trihydrogen (9CI) (CA INDEX NAME)

PAGE 1-A



● 3 H^+

PAGE 1-B

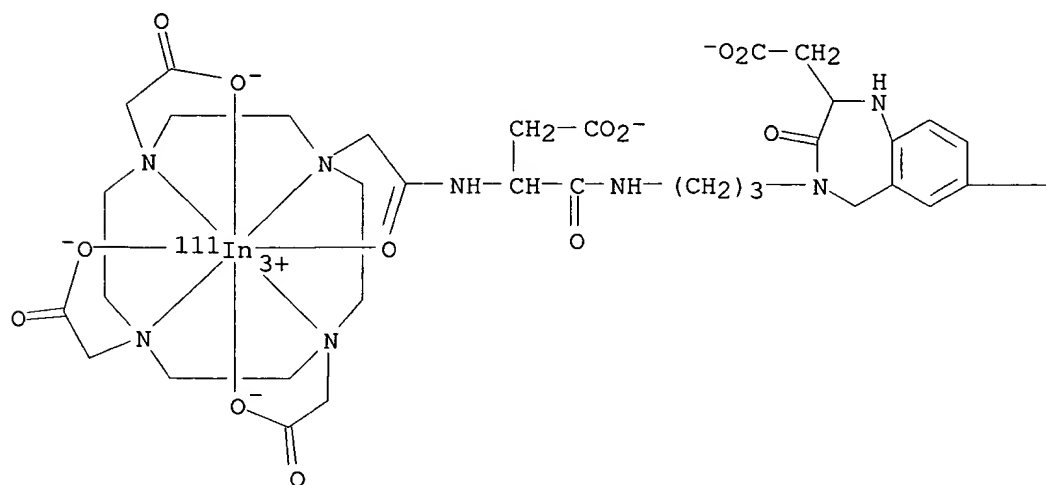


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RN 278180-40-8 CAPLUS

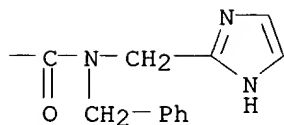
CN Indate(2-)-111In, [10-[2-[[1-(carboxymethyl)-2-[[3-[2-(carboxymethyl)-1,2,3,5-tetrahydro-7-[[1H-imidazol-2-ylmethyl](phenylmethyl)amino]carbonyl]-3-oxo-4H-1,4-benzodiazepin-4-yl]propyl]amino]-2-oxoethyl]amino]-2-(oxo-.kappa.O)ethyl]-1,4,7,10-tetraazacyclododecane-1,4,7-triacetato(5-)-.kappa.N1,.kappa.N4,.kappa.N7,.kappa.N10,.kappa.O1,.kappa.O4,.kappa.O7]-, dihydrogen (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 H⁺

PAGE 1-B



=> log y

COST IN U.S. DOLLARS

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FULL ESTIMATED COST

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STN INTERNATIONAL LOGOFF AT 10:16:09 ON 01 MAR 2001

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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Sep 17	IMSworld Pharmaceutical Company Directory name change to PHARMASEARCH
NEWS	3	Oct 09	Korean abstracts now included in Derwent World Patents Index
NEWS	4	Oct 09	Number of Derwent World Patents Index updates increased
NEWS	5	Oct 15	Calculated properties now in the REGISTRY/ZREGISTRY File
NEWS	6	Oct 22	Over 1 million reactions added to CASREACT
NEWS	7	Oct 22	DGENE GETSIM has been improved
NEWS	8	Oct 29	AAASD no longer available
NEWS	9	Nov 19	New Search Capabilities USPATFULL and USPAT2
NEWS	10	Nov 19	TOXCENTER(SM) - new toxicology file now available on STN
NEWS	11	Nov 29	COPPERLIT now available on STN
NEWS	12	Nov 29	DWPI revisions to NTIS and US Provisional Numbers
NEWS	13	Nov 30	Files VETU and VETB to have open access
NEWS	14	Dec 10	WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002
NEWS	15	Dec 10	DGENE BLAST Homology Search
NEWS	16	Dec 17	WELDASEARCH now available on STN
NEWS	17	Dec 17	STANDARDS now available on STN
NEWS	18	Dec 17	New fields for DPCI
NEWS	19	Dec 19	CAS Roles modified
NEWS	20	Dec 19	1907-1946 data and page images added to CA and CPlus
NEWS	21	Jan 25	BLAST(R) searching in REGISTRY available in STN on the Web
NEWS	22	Jan 25	Searching with the P indicator for Preparations
NEWS	23	Jan 29	FSTA has been reloaded and moves to weekly updates
NEWS	24	Feb 01	DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS	25	Feb 19	Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS EXPRESS			February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
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NEWS WWW			CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 19:52:05 ON 22 FEB 2002

=> file caplus

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0.15

0.15

FILE 'CAPLUS' ENTERED AT 19:52:16 ON 22 FEB 2002

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FILE COVERS 1907 - 22 Feb 2002 VOL 136 ISS 9

FILE LAST UPDATED: 21 Feb 2002 (20020221/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s indazole

L1 2500 INDAZOLE

=> s surfactant

L2 138783 SURFACTANT

=> s l1 and l2

L3 4 L1 AND L2

=> d scan

L3 4 ANSWERS CAPLUS COPYRIGHT 2002 ACS

IC ICM G03C001-06

ICS G03C001-38; G03C007-388

CC 74-2 (Radiation Chemistry, Photochemistry, and Photographic and Other Reprographic Processes)

TI Manufacture of silver halide photographic coating solution

ST photog coating soln **indazole**

IT Photographic films

(manuf. of photog. coating soln. by dissolving org. compd. at higher temp.)

IT Gelatins, uses

09/599,890

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- RL: TEM (Technical or engineered material use); USES (Uses)
(manuf. of photog. coating soln. by dissolving org. compd. at higher temp.)
- IT 5401-94-5, 5-Nitroindazole
RL: DEV (Device component use); PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
(manuf. of photog. coating soln. by dissolving org. compd. at higher temp.)
- IT 25155-30-0, Sodium dodecylbenzenesulfonate
RL: TEM (Technical or engineered material use); USES (Uses)
(**surfactant**; manuf. of photog. coating soln. by dissolving org. compd. at higher temp.)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

- L3 4 ANSWERS CAPLUS COPYRIGHT 2002 ACS
IC D06P001-32
NCL 008011000
CC 62-3 (Essential Oils and Cosmetics)
Section cross-reference(s): 26, 27
TI Dyeing hair with indolines indoles and indazoles
ST hair dye azole; indoline hair dye; indole hair dye; **indazole** hair dye
- IT 2759-14-0 5192-03-0 16712-58-6 19335-11-6 28228-73-1
RL: BIOL (Biological study)
(hair dye)
- IT 22949-03-7
RL: RCT (Reactant)
(nitration of)
- IT 21144-84-3P
RL: RCT (Reactant); PREP (Preparation)
(prepn. and hydrolysis of)
- IT 62796-77-4P 62796-79-6P 62950-39-4P
RL: BIOL (Biological study); PREP (Preparation)
(prepn. of, as hair dye)
- IT 62796-78-5
RL: RCT (Reactant)
(redn. of)
- L3 4 ANSWERS CAPLUS COPYRIGHT 2002 ACS
IC ICM C25D009-02
ICS C25D007-00; C25D011-34
CC 56-6 (Nonferrous Metals and Alloys)
TI Pore sealing of gold-coated metal substrates with nickel or nickel alloy undercoat
ST gold coated metal sealing inhibitor; mercaptothiazole gold coated metal sealing
IT Soaps
RL: TEM (Technical or engineered material use); USES (Uses)
(additive; pore sealing of gold-coated metal substrates with nickel or nickel alloy undercoat by d.c. electrolysis in inhibitor solns.)
- IT Amino acids, uses
RL: TEM (Technical or engineered material use); USES (Uses)
(additives; pore sealing of gold-coated metal substrates with nickel or nickel alloy undercoat by d.c. electrolysis in inhibitor solns.)
- IT Electric contacts
Electrolysis

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- Sealing
(pore sealing of gold-coated metal substrates with nickel or nickel alloy undercoat by d.c. electrolysis in inhibitor solns.)
- IT Surfactants
(amphoteric, betaine type, additive; pore sealing of gold-coated metal substrates with nickel or nickel alloy undercoat by d.c. electrolysis in inhibitor solns.)
- IT Gold alloy, base
RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
(pore sealing of gold-coated metal substrates with nickel or nickel alloy undercoat by d.c. electrolysis in inhibitor solns.)
- IT Nickel alloy, base
RL: TEM (Technical or engineered material use); USES (Uses)
(pore sealing of gold-coated metal substrates with nickel or nickel alloy undercoat by d.c. electrolysis in inhibitor solns.)
- IT 95-14-7, 1H-Benzotriazole 107-66-4 120-72-9, 1H-Indole, uses 143-18-0, Potassium oleate 271-44-3, 1H-Indazole 335-67-1 504-75-6D, Imidazoline, compds. 2274-80-8 10182-91-9 45295-54-3 64003-31-2 128298-22-6
RL: TEM (Technical or engineered material use); USES (Uses)
(additives; pore sealing of gold-coated metal substrates with nickel or nickel alloy undercoat by d.c. electrolysis in inhibitor solns.)
- IT 149-30-4, 2(3H)-Benzothiazolethione 2492-26-4 21303-50-4
RL: TEM (Technical or engineered material use); USES (Uses)
(inhibitor; pore sealing of gold-coated metal substrates with nickel or nickel alloy undercoat by d.c. electrolysis in inhibitor solns.)
- IT 149-30-4D, Mercaptobenzothiazole, derivs.
RL: TEM (Technical or engineered material use); USES (Uses)
(inhibitors; pore sealing of gold-coated metal substrates with nickel or nickel alloy undercoat by d.c. electrolysis in inhibitor solns.)
- IT 7440-57-5, Gold, processes 12732-18-2
RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
(pore sealing of gold-coated metal substrates with nickel or nickel alloy undercoat by d.c. electrolysis in inhibitor solns.)
- IT 51-17-2, 1H-Benzimidazole 7440-02-0, Nickel, uses 12623-52-8
RL: TEM (Technical or engineered material use); USES (Uses)
(pore sealing of gold-coated metal substrates with nickel or nickel alloy undercoat by d.c. electrolysis in inhibitor solns.)
- L3 4 ANSWERS CAPLUS COPYRIGHT 2002 ACS
IC ICM C25F005-00
CC 72-2 (Electrochemistry)
Section cross-reference(s): 56
TI Electrolytic desilvering agents
ST electrolytic desilvering agent; silver plated copper alloy electrolytic desilvering; hydantoin electrolytic desilvering; dimethylhydantoin electrolytic desilvering; cyanuric acid electrolytic desilvering; methylpyridazone electrolytic desilvering; allantoin electrolytic desilvering
IT Electrochemical oxidation
(electrolytic desilvering agents for silver removal in)
IT Copper alloy, base
RL: DEV (Device component use); PEP (Physical, engineering or chemical process); PROC (Process); USES (Uses)
(electrolytic desilvering agents for silver-plated)
- IT 77-71-4, 5,5-Dimethylhydantoin 97-59-6, Allantoin 108-26-9 108-80-5,

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Cyanuric acid 461-72-3, Hydantoin 33018-73-4
 RL: NUU (Other use, unclassified); USES (Uses)
 (electrolytic desilvering agents)

IT 7440-22-4, Silver, properties
 RL: PEP (Physical, engineering or chemical process); PRP (Properties);
 PROC (Process)
 (electrolytic desilvering agents for)

IT 7440-50-8, Copper, uses
 RL: DEV (Device component use); PEP (Physical, engineering or chemical
 process); PROC (Process); USES (Uses)
 (electrolytic desilvering agents for silver-plated)

IT 123-56-8, Succinimide 10043-35-3, Boric acid (H3BO3), uses
 RL: NUU (Other use, unclassified); USES (Uses)
 (in electrolytic desilvering)

IT 39587-22-9, Polyoxyethylene nonyl ether
 RL: NUU (Other use, unclassified); PRP (Properties); USES (Uses)
 (in electrolytic desilvering)

IT 51-17-2, Benzimidazole 95-14-7, 1H-Benzotriazole 95-16-9,
 Benzothiazole 120-72-9, Indole, uses 141-90-2, Thiouracil 271-44-3,
Indazole 273-53-0, Benzoxazole 288-32-4, Imidazole, uses
 504-17-6, Thiobarbituric acid 504-75-6, Imidazoline
 RL: NUU (Other use, unclassified); USES (Uses)
 (in electrolytic desilvering as copper inhibitor)

ALL ANSWERS HAVE BEEN SCANNED

=> s imaging

L4 110893 IMAGING

=> s l3 and l4

L5 0 L3 AND L4

=> d l3 bib abs 1-4

L3 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS

AN 2000:223680 CAPLUS

DN 132:258088

TI Manufacture of silver halide photographic coating solution

IN Sunaga, Tetsuaki; Muramatsu, Yasuhiko

PA Konica Co., Japan

SO Jpn. Kokai Tokkyo Koho, 8 pp.

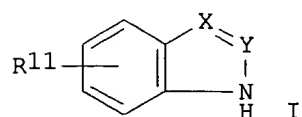
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 2000098522	A2	20000407	JP 1998-269836	19980924
OS	MARPAT 132:258088				
GI					



AB The photog. coating soln. is manufd. by (1) adding a photog. useful org. compd. which is insol. at lower temp. than that of the coating soln. into water or a soln. with lower temp. than that of the coating soln. and (2) heating-up the soln. at higher temp. than that of the coating soln. to dissolve it. The compd. may be added to a soln. at higher temp. than that of the coating soln. to dissolve it. The compd. may be I (X, Y, = N, CR12, .gtoreq.1 of X and Y is N; R11 = H, lower alkyl, halo, nitro; R12 = H, lower alkyl, halo, mercapto). The soln. is manufd. without using org. solvents, acids, or bases and contamination of impurities is prevented.

L3 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS

AN 1997:218376 CAPLUS

DN 126:217758

TI Electrolytic desilvering agents

IN Aiba, Akihiro; Hisano, Satomi

PA Japan Energy Corporation, Japan

SO Brit. UK Pat. Appl., 25 pp.

CODEN: BAXXDU

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2301599	A1	19961211	GB 1996-11400	19960531
	GB 2301599	B2	19991110		
	JP 09049100	A2	19970218	JP 1996-142304	19960514
	JP 2939181	B2	19990825		
	GB 2333780	A1	19990804	GB 1998-23380	19960531
PRAI	JP 1995-155461		19950531		
	JP 1995-155462		19950531		
	JP 1996-142304		19960514		
	GB 1996-11400		19960531		

AB An electrolytic desilvering agent comprising: (a) at least one desilvering constituent selected from the group consisting of hydantoin, 5,5-dimethylhydantoin, cyanuric acid, 6-methyl-3-pyridazone, 3-methyl-5-pyrazolone, and allantoin, as a principal constituent; and (b) a boric acid compd. as an accessory constituent. Desirably, the agent further comprises (c) a **surfactant** and (d) one or more selected from the group consisting of benzotriazole, benzimidazole, thiouracil, thiobarbituric acid, benzothiazole, benzoxazole, **indazole**, indole, imidazole, imidazoline and their derivs. as a copper inhibitor or inhibitors. A workpiece of copper or a copper alloy silver plated on the surface is immersed into a bath of the electrolytic desilvering agent and electrolysis is carried out using the workpiece as an anode, with stirring under the conditions of pH : 7 to 14; bath c.d.: 0.1 to 50 A/d m²; and bath temp.: 10 to 60.degree..

L3 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS

AN 1996:61229 CAPLUS

DN 124:183132

TI Pore sealing of gold-coated metal substrates with nickel or nickel alloy undercoat

IN Fukamachi, Kazuhiko; Hatanaka, Hiroyuki

PA Nippon Mining Co Ltd, Japan

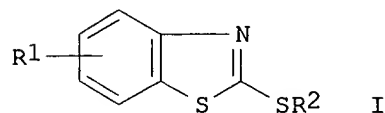
SO Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

V. Balasubramanian

DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07258887	A2	19951009	JP 1994-53833	19940324
GI					

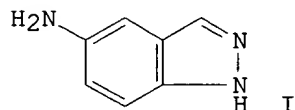


AB The pore sealing is carried out by d.c. electrolysis the Au-coated metal substrates as anode in an aq. soln. contg. 10-1000 ppm mercaptothiazole(s) I (R1 = H, alkyl, substituted alkyl, or halogen, R2 = alkali metal, H, alkyl, substituted alkyl, or substituted amino group) as inhibitor. Optionally, the aq. soln. further contains 50-10,000 ppm fatty acid soap, betaine type amphoteric **surfactant**, aminocarboxylic acid, imidazolin compd., alkyl ether phosphoric ester, alkyl phosphoric ester, and/or carbon fluoride system compd. The substrates are preferably connector contacts.

L3 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS
AN 1977:195067 CAPLUS
DN 86:195067
TI Dyeing hair with indolines indoles and indazoles
IN Parent, Richard Alfred; Loffelman, Frank Fred
PA American Cyanamid Co., USA
SO U.S., 5 pp.
CODEN: USXXAM

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4013404	A	19770322	US 1975-565883	19750407
PRAI	US 1970-96224		19701206		
GI					



AB Hair dyeing compns. for oxidative or direct dyeing methods contain indolines, indoles, or indazoles. There compns. dye keratinaceous fibers, esp. hair, shades ranging from ash blond to dark browns. For example, an oxidn., liq. dye compn. was prepd. by mixing 8 parts cationic **surfactant**, polyethoxylated oleyl Me ammonium chloride with 83 parts H2O and to it adding 1 part 5-aminoindazole (I) [19335-11-6] dissolved in 8 parts BuOH. The resultant soln. was mixed with an equal

V. Balasubramanian

quant. of 6% H2O2 soln. Albino hair tresses immersed in this dye compn. were dyed an orange of good color value. When half the I was replaced with the modifier, 5-hydroxyindole, an attractive light-brown shade was obtained on hair. The addn. of 1 part of the modifier, resorcinol, to the above compn. using 82 parts instead of 83 parts H2O, resulted in attractive light golden brown hair. Methods for prepg. some of the azole compds. are given.

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

15.38

15.53

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-2.48

-2.48

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